

FIG. 1

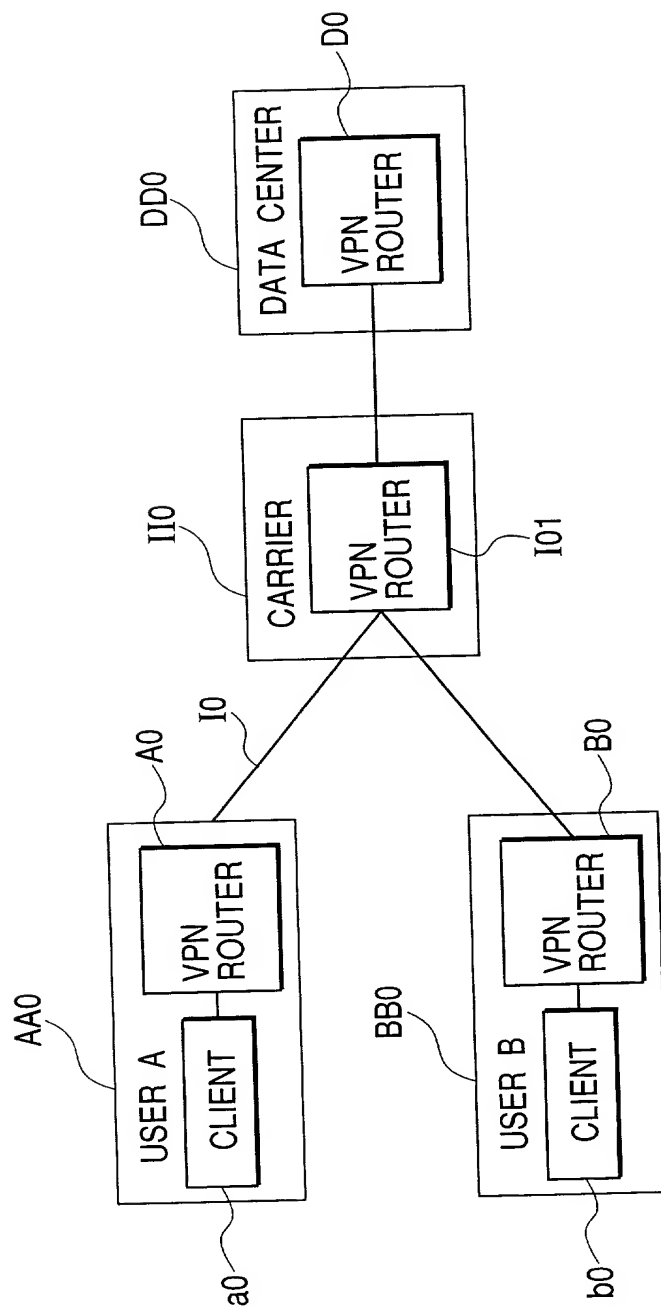


FIG. 2

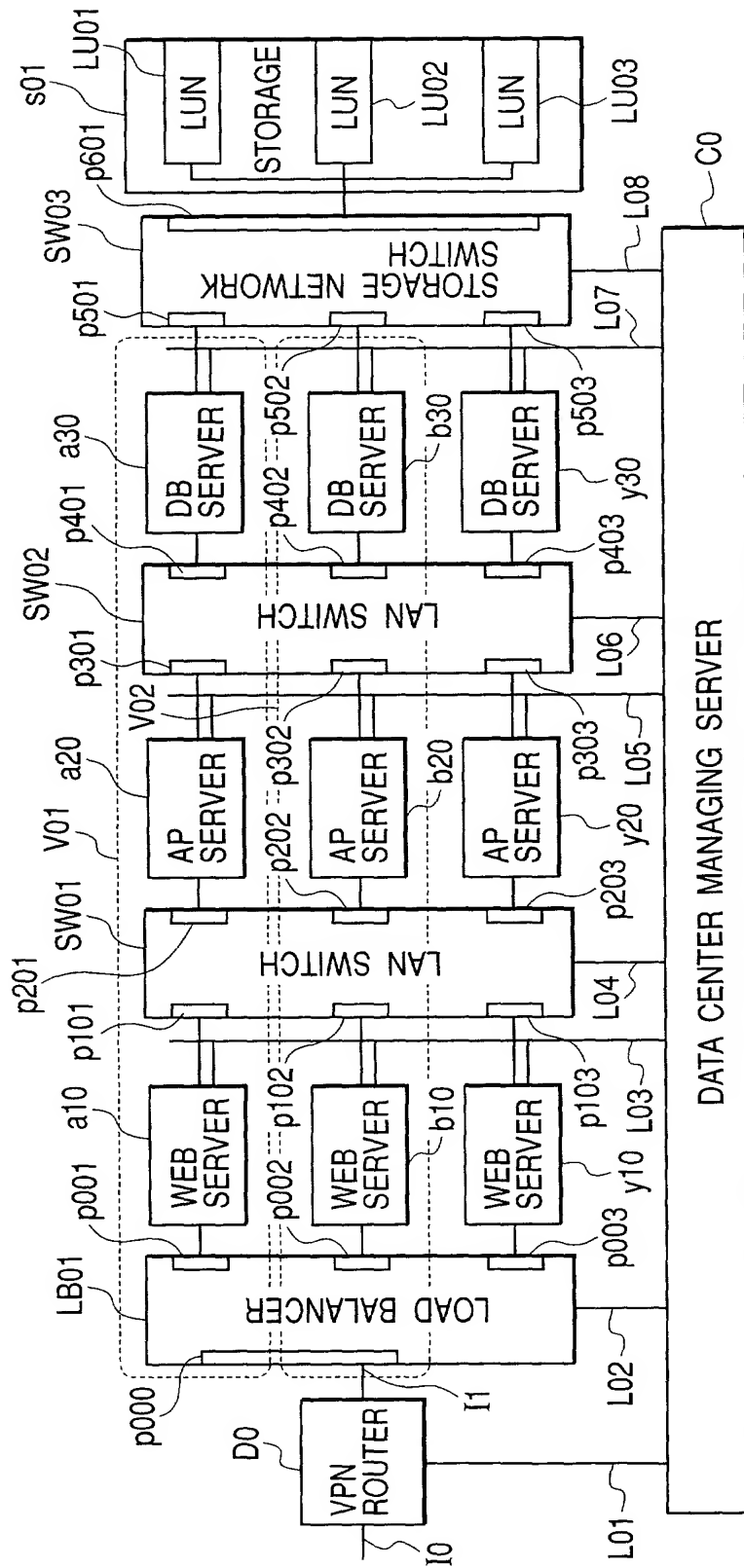


FIG. 3

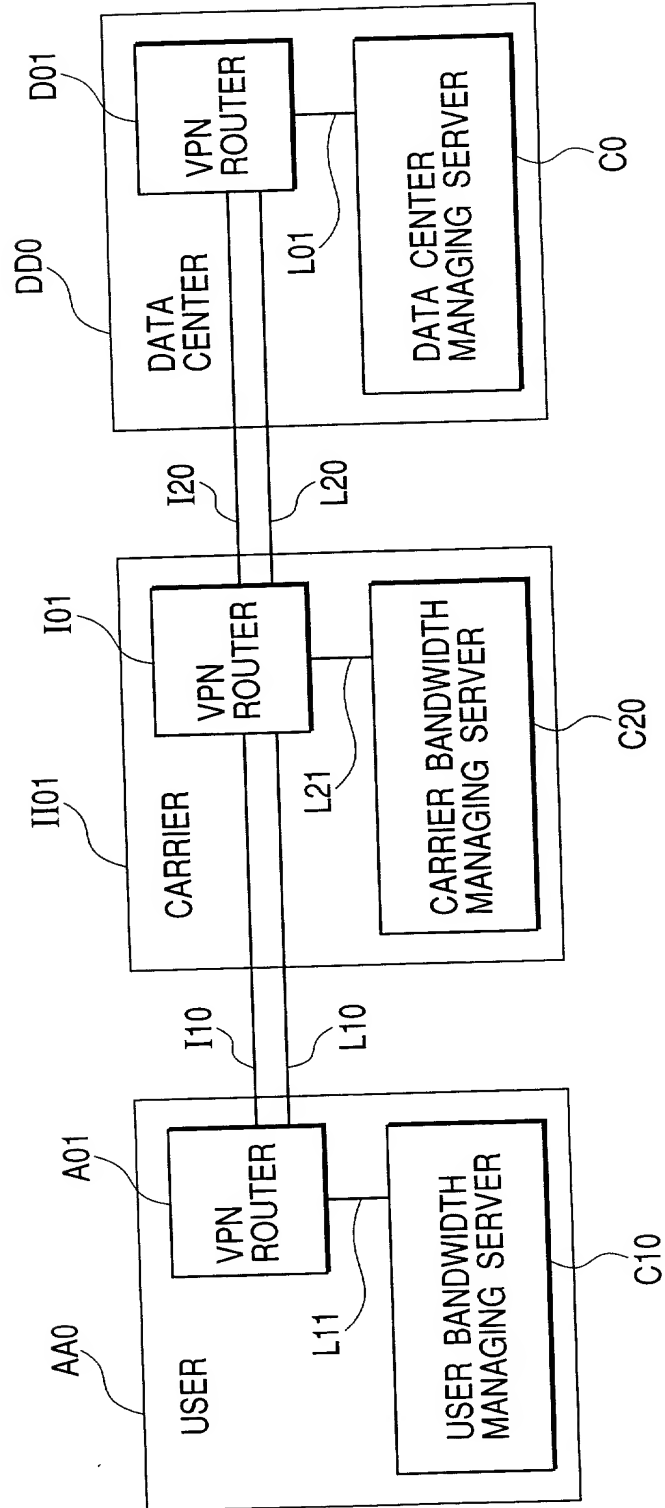


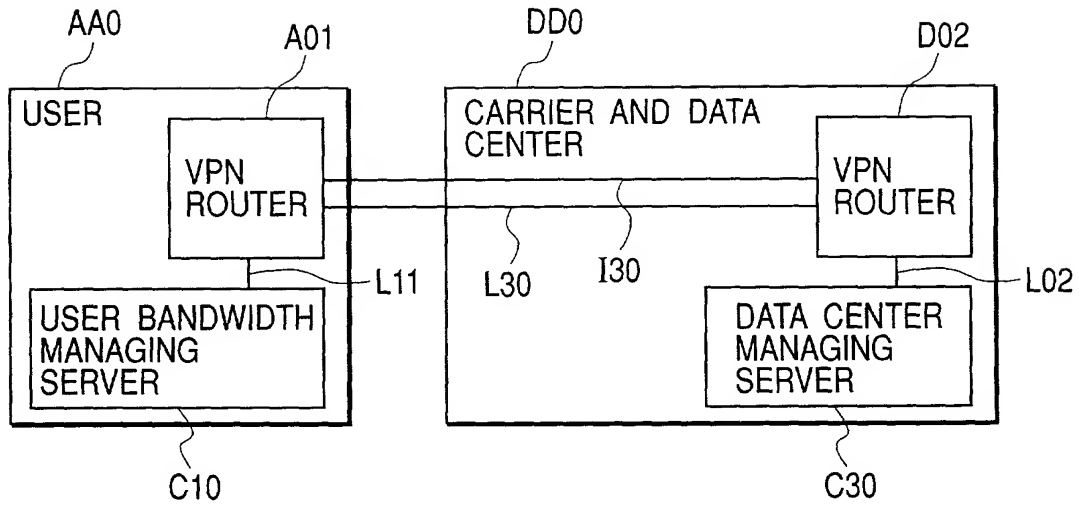
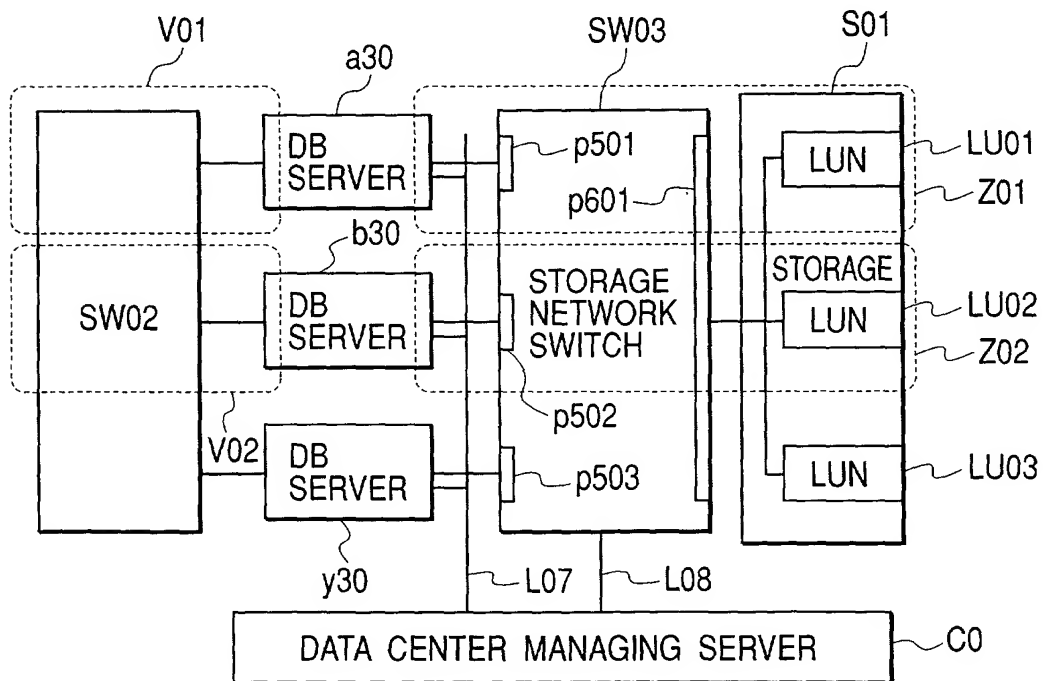
FIG. 4**FIG. 5**

FIG. 6

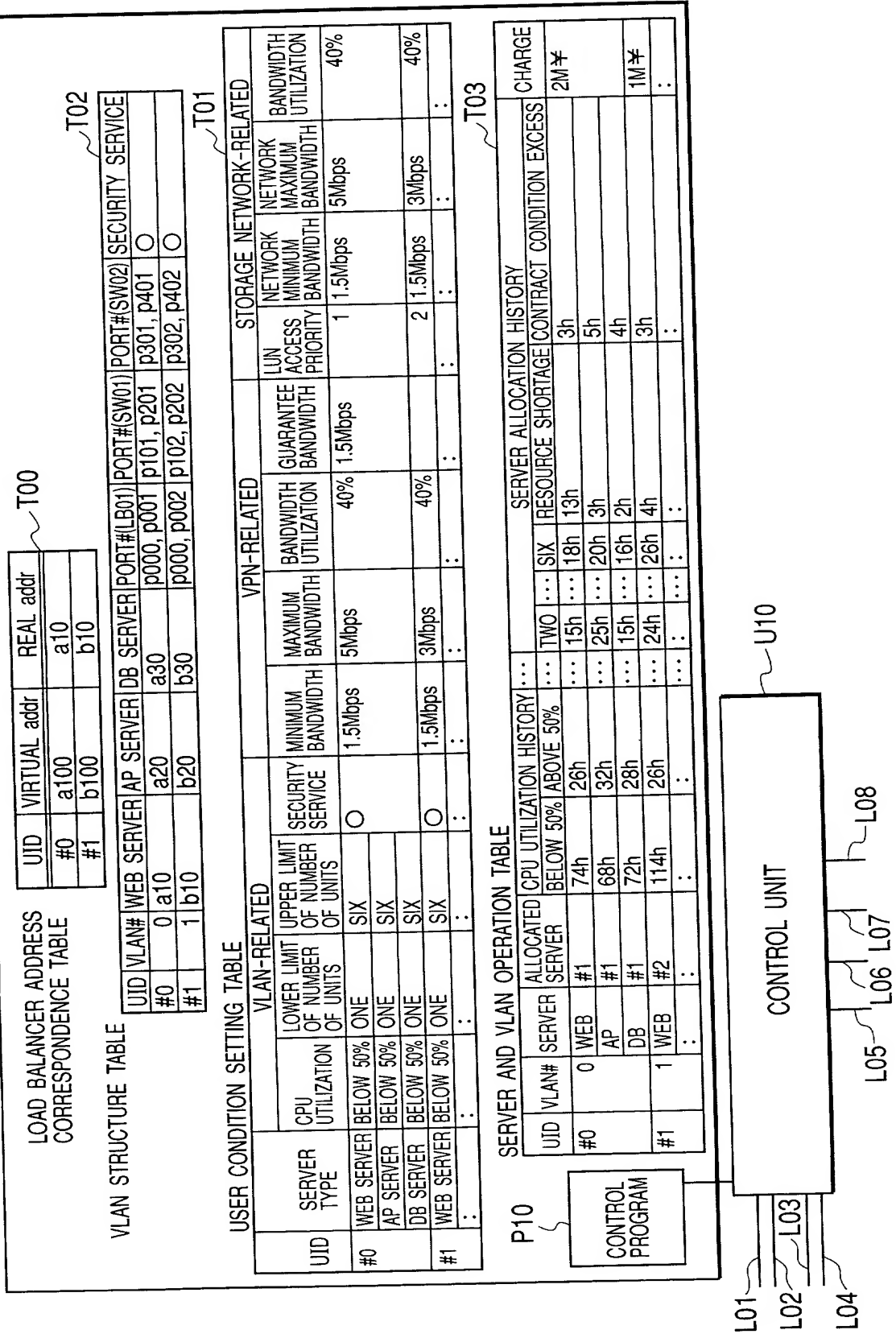


FIG. 7

USER CONDITION SETTING TABLE

USER CONDITION SETTING TABLE													
UID	SERVER TYPE	VLAN-RELATED				VPN-RELATED				STORAGE NETWORK-RELATED			
		CPU UTILIZATION	LOWER LIMIT OF NUMBER OF UNITS	UPPER LIMIT OF NUMBER OF UNITS	SECURITY SERVICE	MINIMUM BANDWIDTH	MAXIMUM BANDWIDTH	BANDWIDTH UTILIZATION	GUARANTEE BANDWIDTH	LUN ACCESS PRIORITY	NETWORK MINIMUM BANDWIDTH	NETWORK MAXIMUM BANDWIDTH	BANDWIDTH UTILIZATION
#0	WEB SERVER	BELOW 50%	ONE	SIX	○	1.5Mbps	5Mbps	40%	1.5Mbps	1	1.5Mbps	5Mbps	40%
	AP SERVER	BELOW 50%	ONE	SIX									
	DB SERVER	BELOW 50%	ONE	SIX									
#1	WEB SERVER	BELOW 50%	ONE	SIX	○	1.5Mbps	3Mbps	40%		2	1.5Mbps	3Mbps	40%

VPN SETTING

UID	BANDWIDTH UTILIZATION	MINIMUM BANDWIDTH	MAXIMUM BANDWIDTH	GUARANTEE BANDWIDTH	CURRENT USE BANDWIDTH
#0	40%	1.5Mbps	5Mbps	1.5Mbps	1.5Mbps
#1	40%	1.5Mbps	3Mbps		1.5Mbps

VPN OPERATING STATE

UID	VPN ROUTER	BANDWIDTH UTILIZATION			ALLOCATED BANDWIDTH HISTORY				CHARGE
		BELOW 40%	40% ABOVE	5Mbps	RESOURCE SHORTAGE	CONTRACT	CONDITION	EXCESS	
#0	USER	60h	40h	14h	...	5Mbps	2h	14h	0.5M ¥
	CARRIER	55h	45h	13h	...	53h	3h	12h	
	DATA CENTER	63h	37h	15h	...	52h	4h	10h	
#1	USER	67h	33h	14h	...	—	3h	4h	0.5M ¥
					...				

P10

CONTROL PROGRAM

CONTROL UNIT

L01

L10

L20

U10

FIG. 8

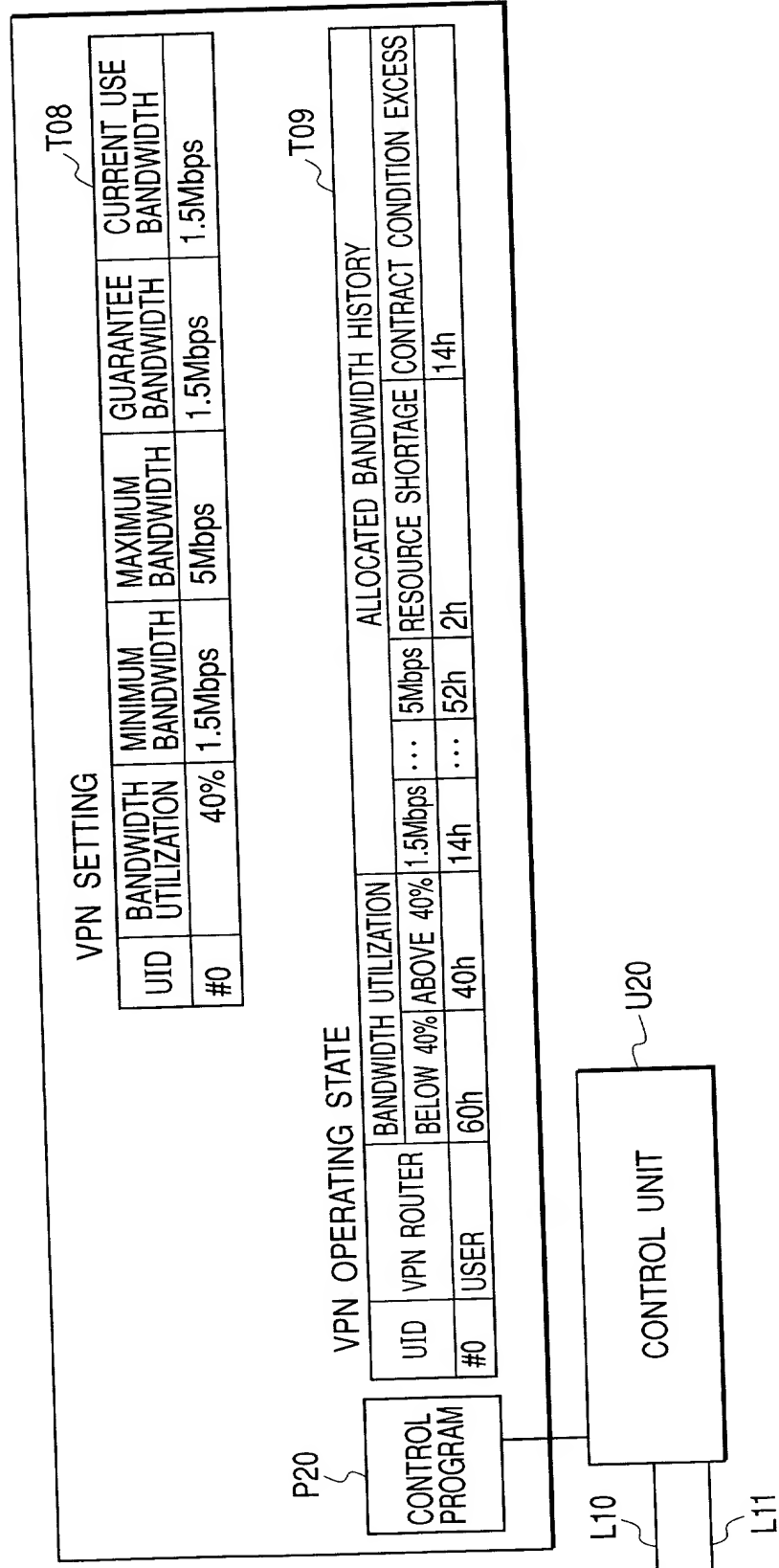


FIG. 9

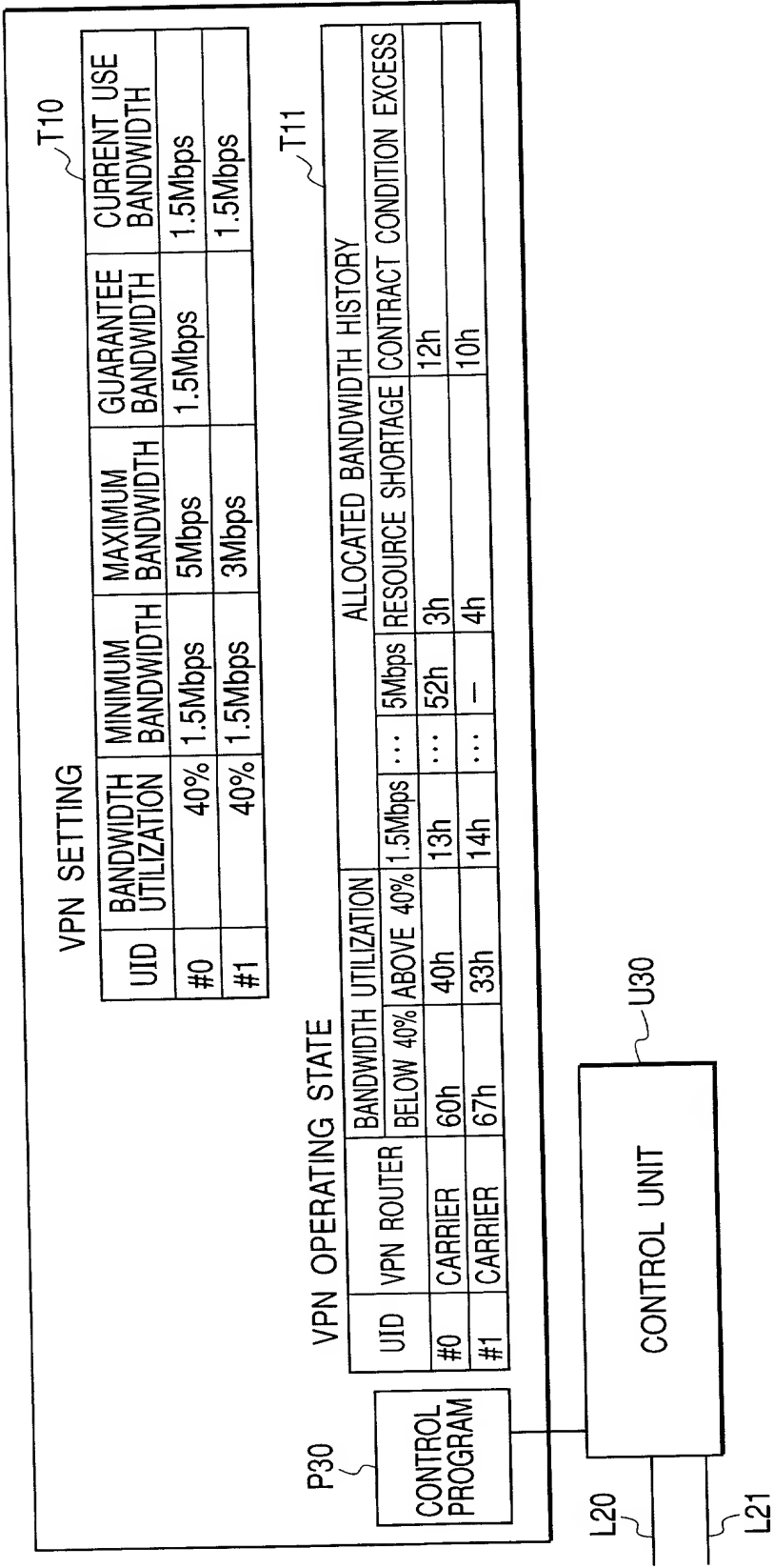


FIG. 10

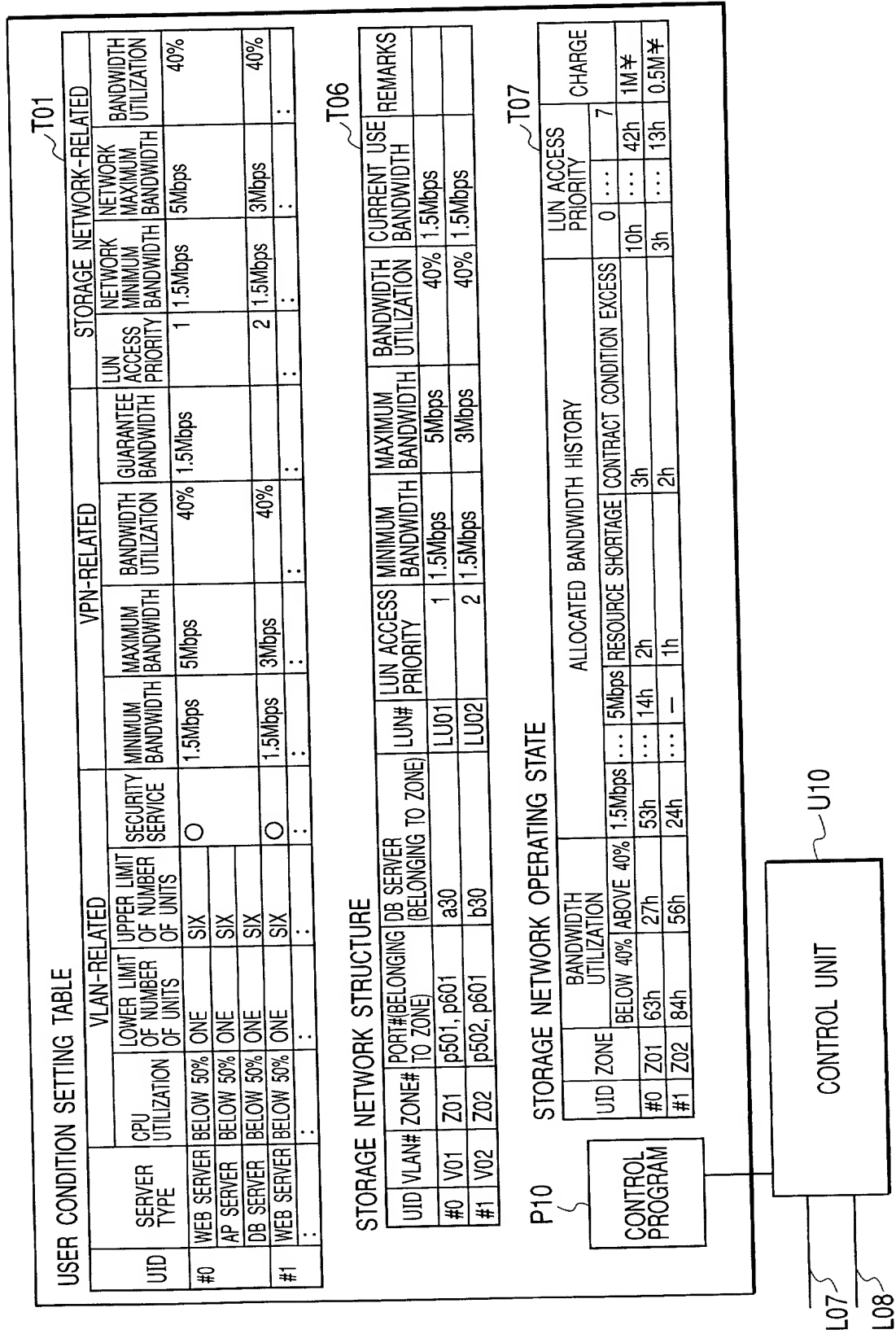


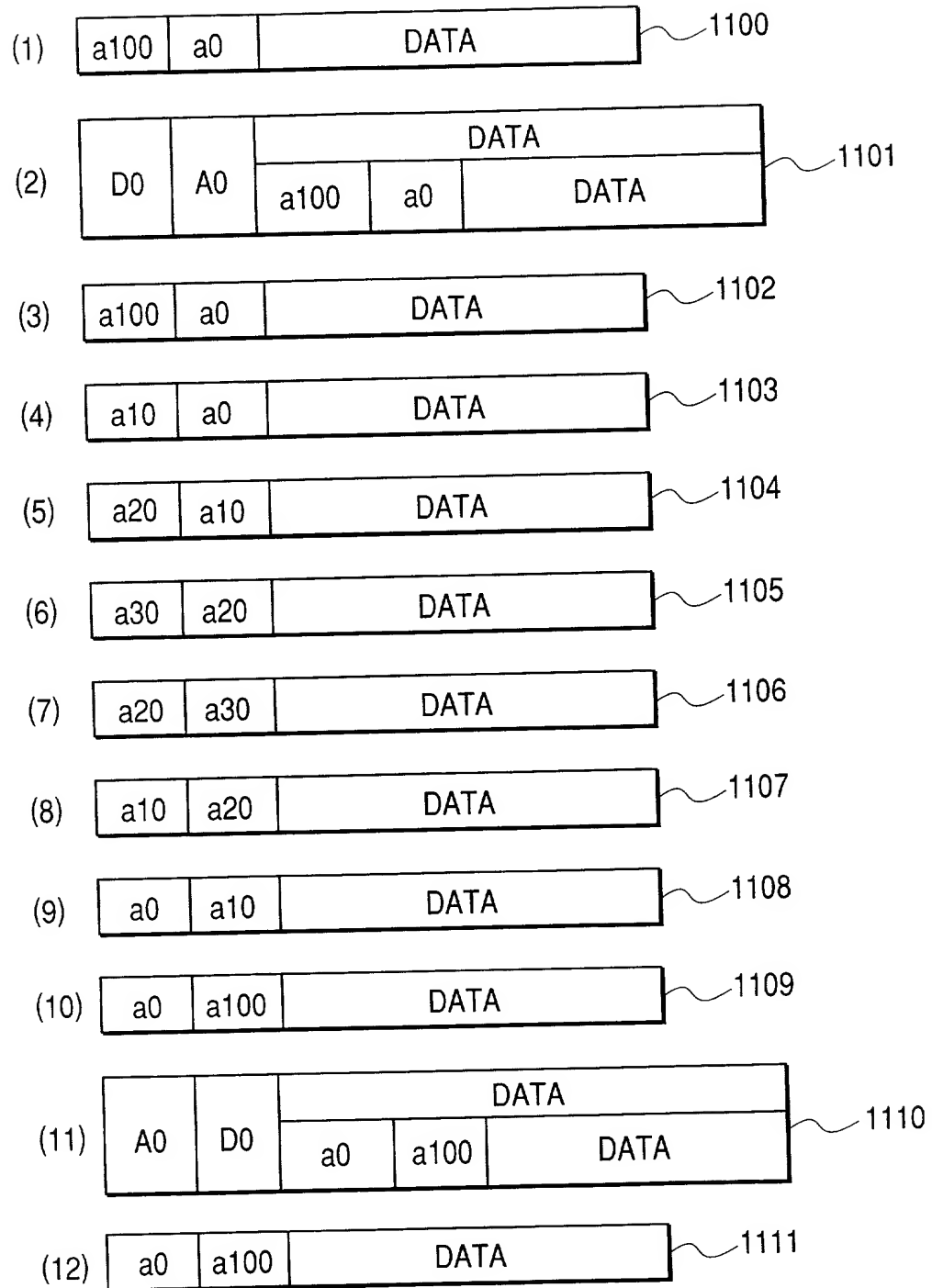
FIG. 11

FIG. 12

U01

SERVICE LEVEL CONDITION INPUT SCREEN (OPTION SELECTION)

SECURITY OPTION SERVICE

· USER-DEDICATED VLAN AND VPN CONFIGURATION

NOT
REQUIRED REQUIRED

☐ ☒

RELIABILITY OPTION SERVICE

· NETWORK BANDWIDTH GUARANTEE CONFIGURATION

NOT
REQUIRED REQUIRED

☐ ☒

FIG. 13

U02

SERVICE LEVEL CONDITION INPUT SCREEN

REPRESENTATIVE ADDRESS

USE SERVER TYPE	NUMBER OF SERVERS	USE CONDITION
	LOWER LIMIT UPPER LIMIT	
WEB SERVER <input checked="" type="checkbox"/>	ONE SIX	CPU UTILIZATION ..
AP SERVER <input checked="" type="checkbox"/>	ONE SIX	BELOW 50% <input type="text"/>
DB SERVER <input checked="" type="checkbox"/>	ONE SIX	BELOW 50% <input type="text"/>

U03 ☒ VPN OPTION (FILL IN IF SELECTED)

NETWORK BANDWIDTH	USE CONDITION
MINIMUM MAXIMUM	BANDWIDTH UTILIZATION
1.5 Mbps 5 Mbps	BELOW 40%
STORAGE NETWORK BANDWIDTH	USE CONDITION
MINIMUM MAXIMUM	BANDWIDTH UTILIZATION
1.5 Mbps 5 Mbps	BELOW 40%

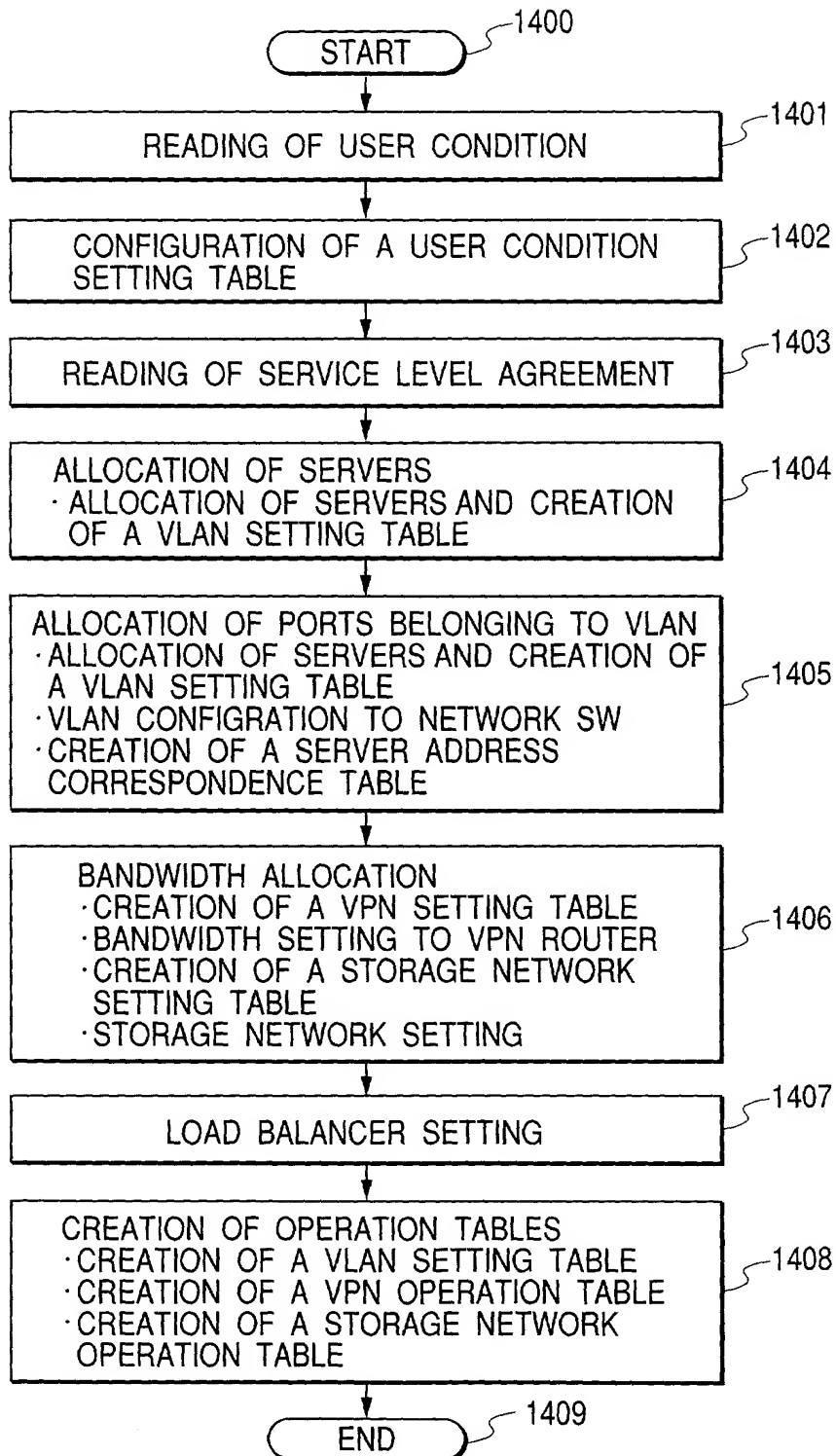
FIG. 14

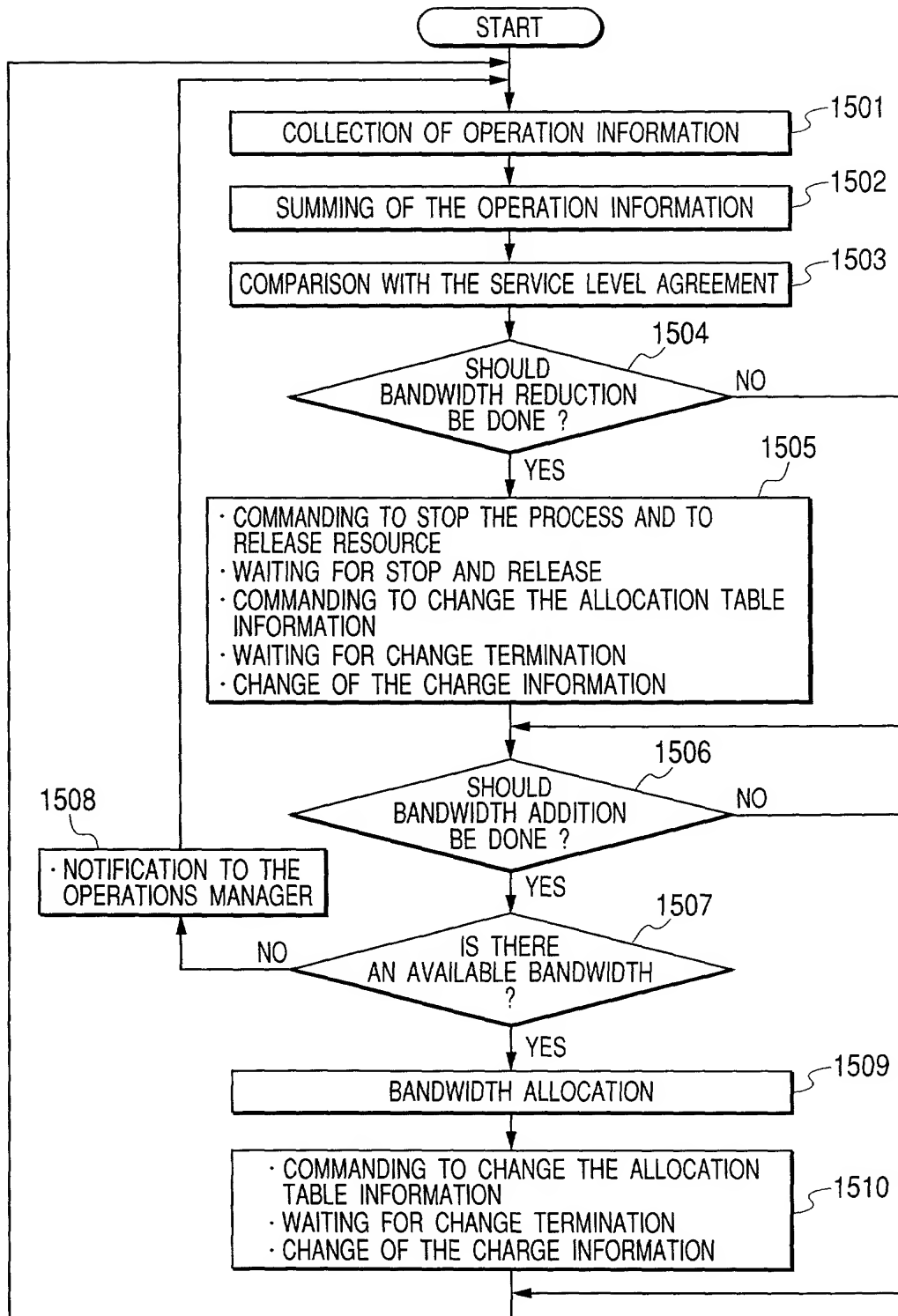
FIG. 15

FIG. 16

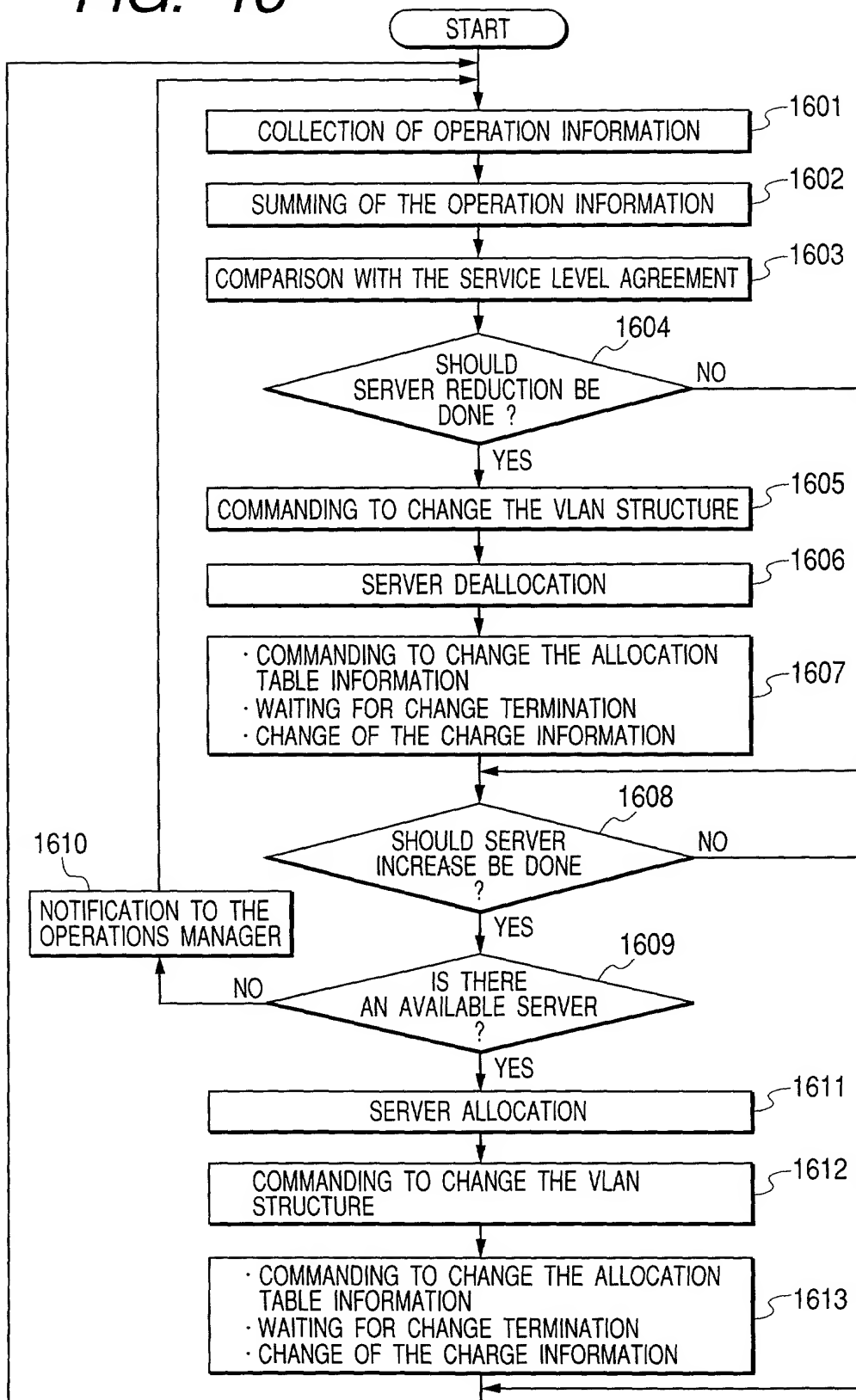


FIG. 17

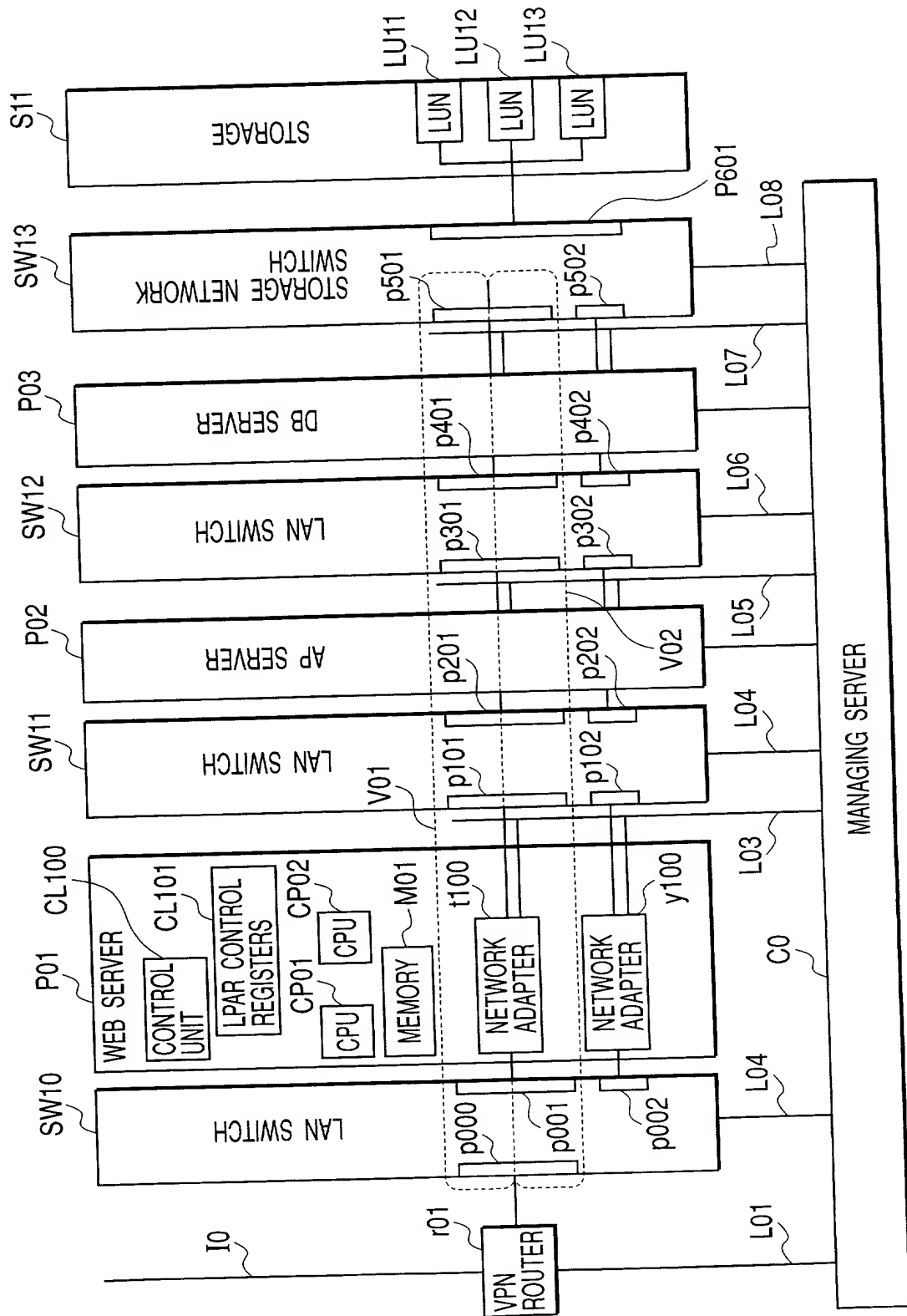


FIG. 18

U05

SERVICE LEVEL CONDITION INPUT SCREEN (OPTION SCREEN)

SECURITY OPTION SERVICE

· USER-DEDICATED VLAN AND VPN CONFIGURATION

NOT REQUIRED ☐ REQUIRED ☒

RELIABILITY OPTION SERVICE

· NETWORK BANDWIDTH GUARANTEE CONFIGURATION

NOT REQUIRED ☐ REQUIRED ☒

FIG. 19

U06

SERVICE LEVEL CONDITION INPUT SCREEN

ADDRESS WEB AP DB

USE SERVER TYPE		ALLOCATION (PERCENTAGE) OF CPU		USE CONDITION	
		LOWER LIMIT	UPPER LIMIT	CPU UTILIZATION	..
WEB SERVER	<input checked="" type="checkbox"/>	20 %	70 %	BELOW 50%	<input type="text"/>
AP SERVER	<input checked="" type="checkbox"/>	20 %	70 %	BELOW 50%	<input type="text"/>
DB SERVER	<input checked="" type="checkbox"/>	20 %	70 %	BELOW 50%	<input type="text"/>

☒ VPN OPTION (FILL IN IF SELECTED)

NETWORK BANDWIDTH		USE CONDITION
MINIMUM	MAXIMUM	BANDWIDTH UTILIZATION
<input type="text" value="1.5"/> Mbps	<input type="text" value="5"/> Mbps	<input type="text" value="BELOW 40%"/>

STORAGE NETWORK BANDWIDTH		USE CONDITION
MINIMUM	MAXIMUM	BANDWIDTH UTILIZATION
<input type="text" value="1.5"/> Mbps	<input type="text" value="5"/> Mbps	<input type="text" value="BELOW 40%"/>

U07

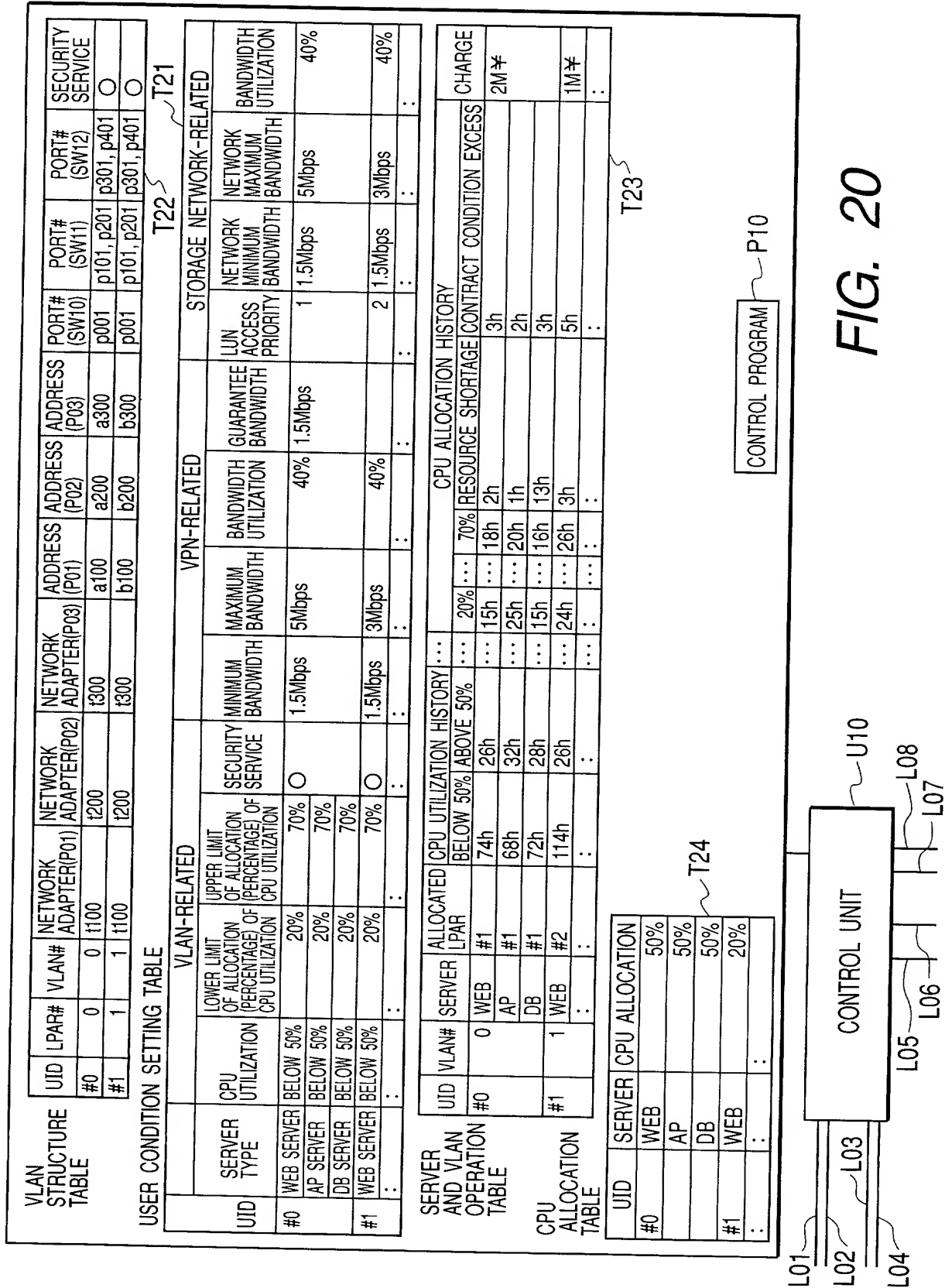


FIG. 21

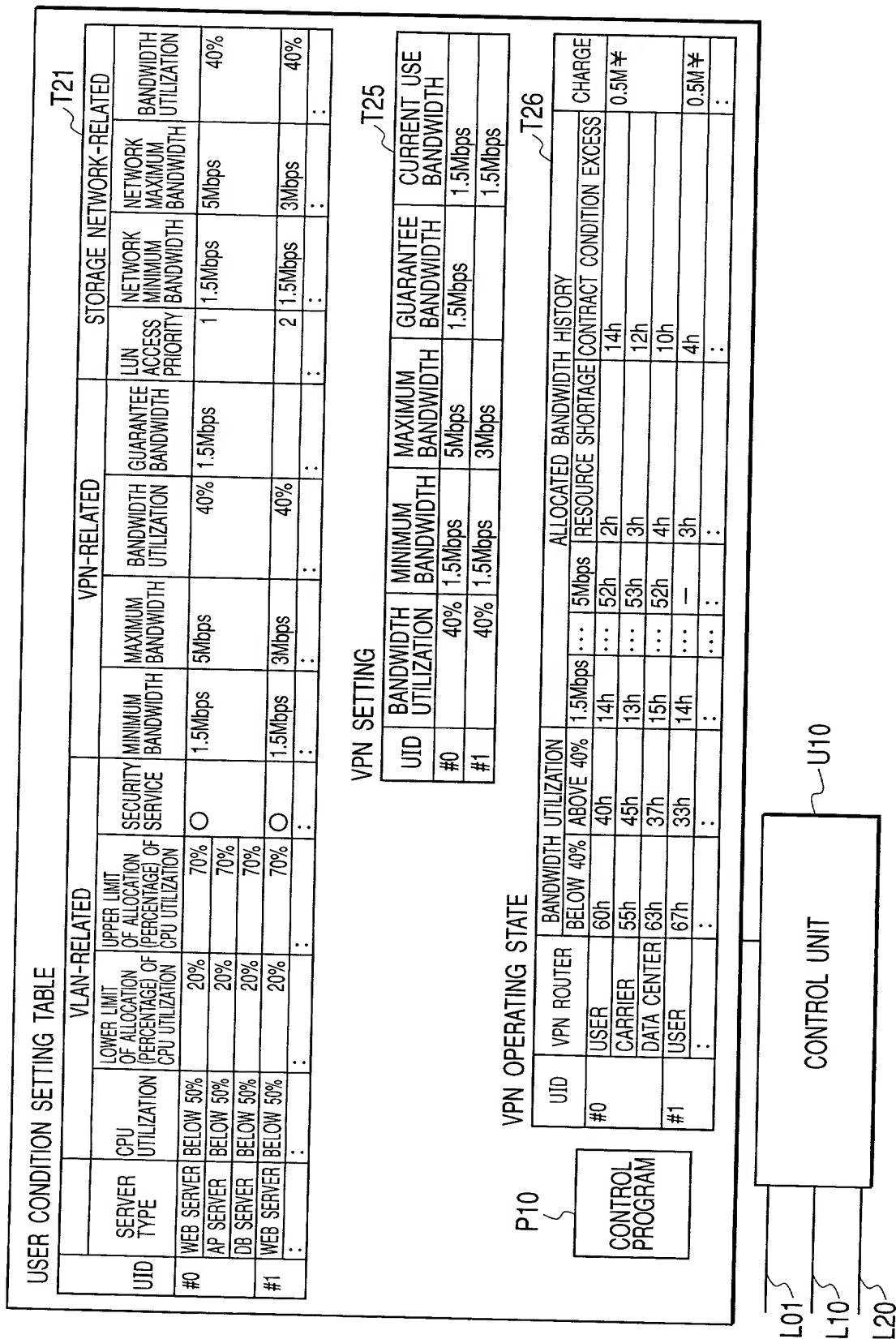


FIG. 22

USER CONDITION SETTING TABLE

UID	SERVER TYPE	VLAN-RELATED				VPN-RELATED			STORAGE NETWORK-RELATED			
		CPU UTILIZATION	LOWER LIMIT OF ALLOCATION (PERCENTAGE) OF CPU UTILIZATION	UPPER LIMIT OF ALLOCATION (PERCENTAGE) OF CPU UTILIZATION	SECURITY SERVICE	MINIMUM BANDWIDTH	MAXIMUM BANDWIDTH	BANDWIDTH UTILIZATION	LUN ACCESS PRIORITY	NETWORK MINIMUM BANDWIDTH	NETWORK MAXIMUM BANDWIDTH	BANDWIDTH UTILIZATION
#0	WEB SERVER	BELOW 50%	20%	70%	○	1.5Mbps	5Mbps	40%	1	1.5Mbps	5Mbps	40%
	AP SERVER	BELOW 50%	20%	70%								
	DB SERVER	BELOW 50%	20%	70%								
#1	WEB SERVER	BELOW 50%	20%	70%	○	1.5Mbps	3Mbps	40%	2	1.5Mbps	3Mbps	40%

STORAGE NETWORK STRUCTURE

UID	VLAN#	ZONE#	PORT#(BELONGING TO ZONE)	DB SERVER (BELONGING TO ZONE)	LUN#	LUN ACCESS PRIORITY	MINIMUM BANDWIDTH	MAXIMUM BANDWIDTH	BANDWIDTH UTILIZATION	CURRENT USE BANDWIDTH	REMARKS
#0	V01	Z01	p501, p601	a300	LU11	1	1.5Mbps	5Mbps	40%	1.5Mbps	
#1	V02	Z02	p501, p601	b300	LU12	2	1.5Mbps	3Mbps	40%	1.5Mbps	

P10

STORAGE NETWORK OPERATING STATE

UID	ZONE	BANDWIDTH UTILIZATION				ALLOCATED BANDWIDTH HISTORY				LUN ACCESS PRIORITY	CHARGE
		BELOW 40%	40% ABOVE	1.5Mbps	5Mbps	RESOURCE SHORTAGE	CONTRACT CONDITION	EXCESS			
#0	Z01	63h	27h	53h	14h	2h	3h		10h	...	1M¥
#1	Z02	84h	56h	24h	—	1h	2h		3h	...	0.5M¥

L07

CONTROL UNIT

U10

L08

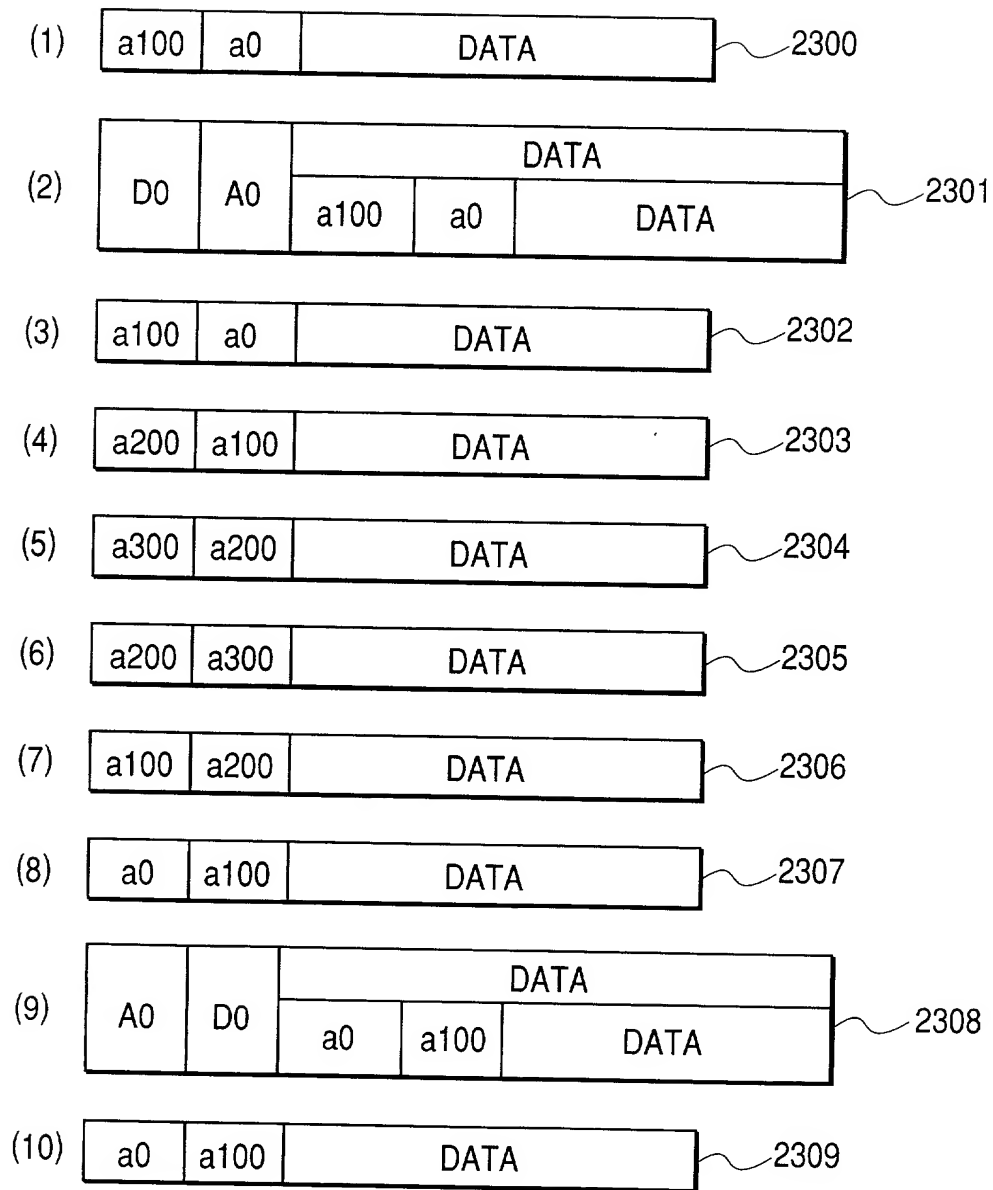
FIG. 23

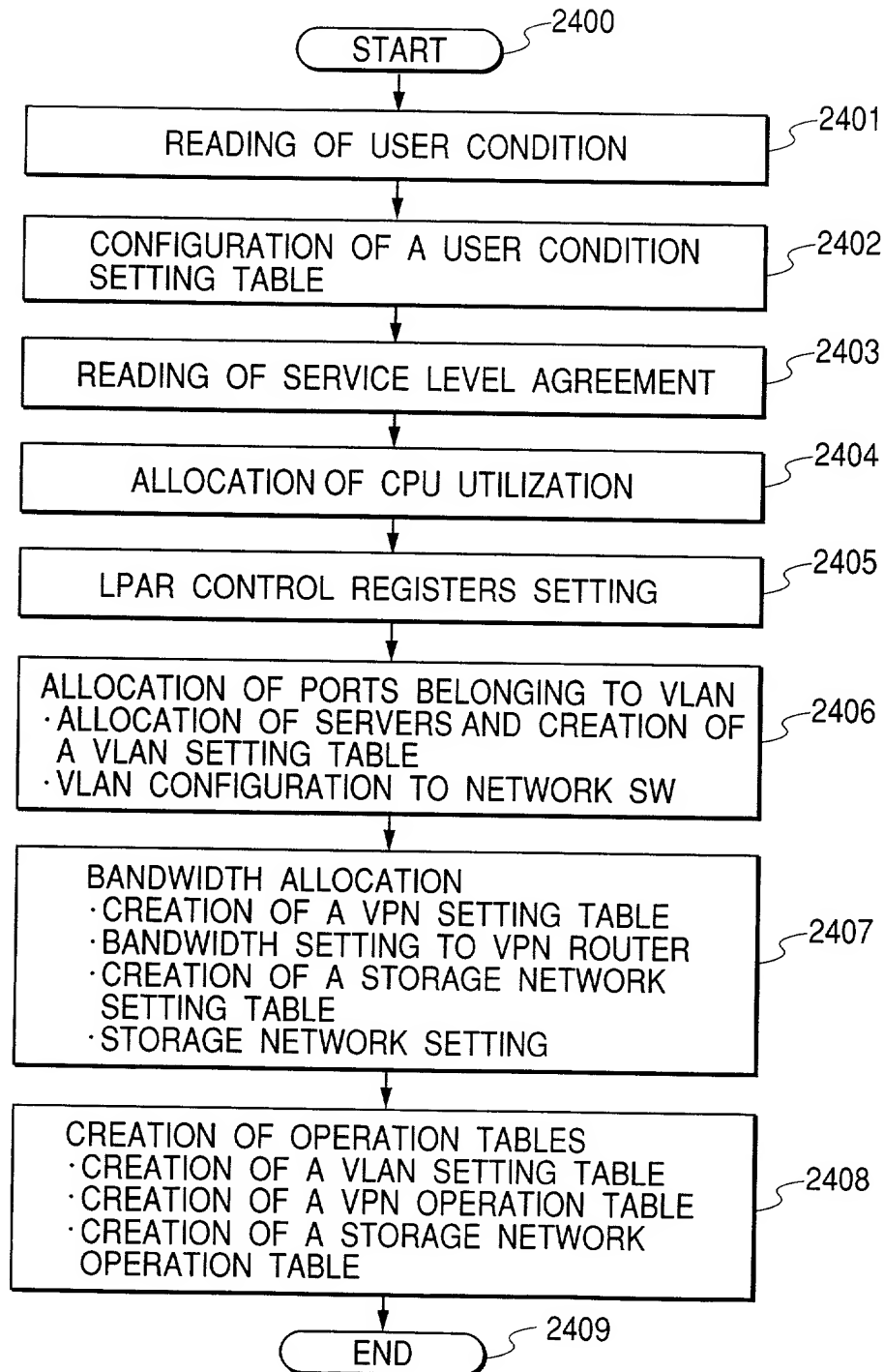
FIG. 24

FIG. 25

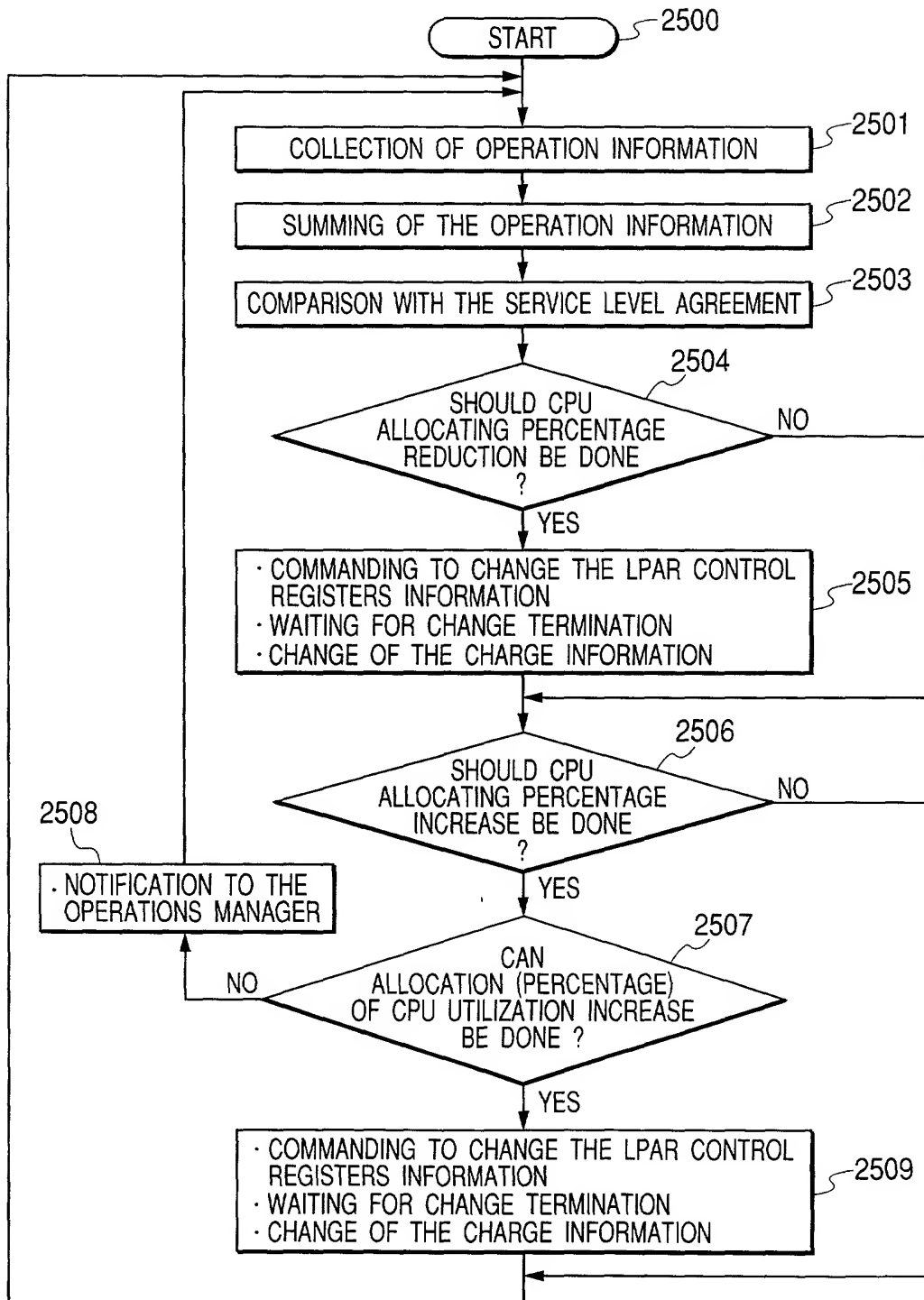


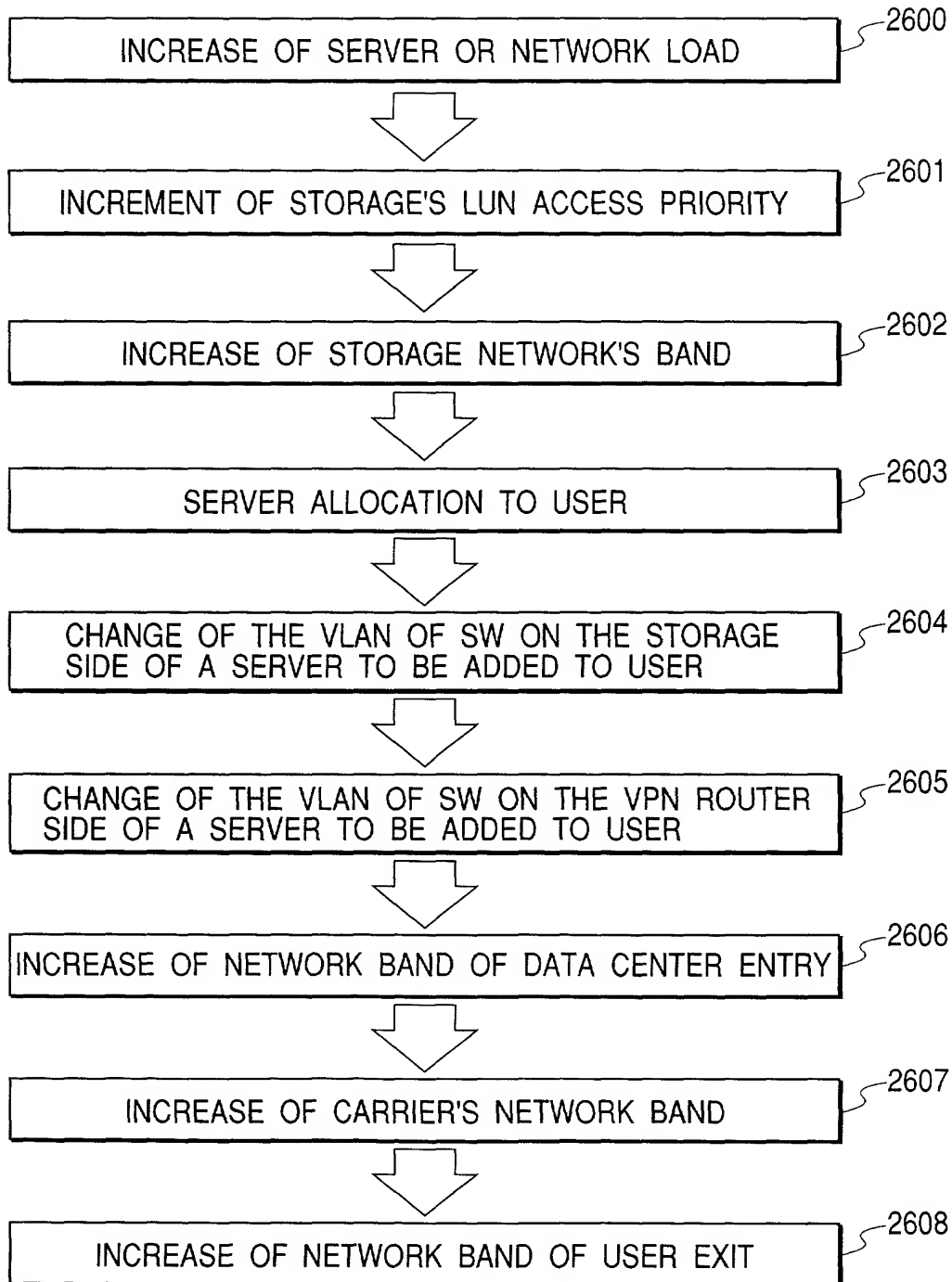
FIG. 26

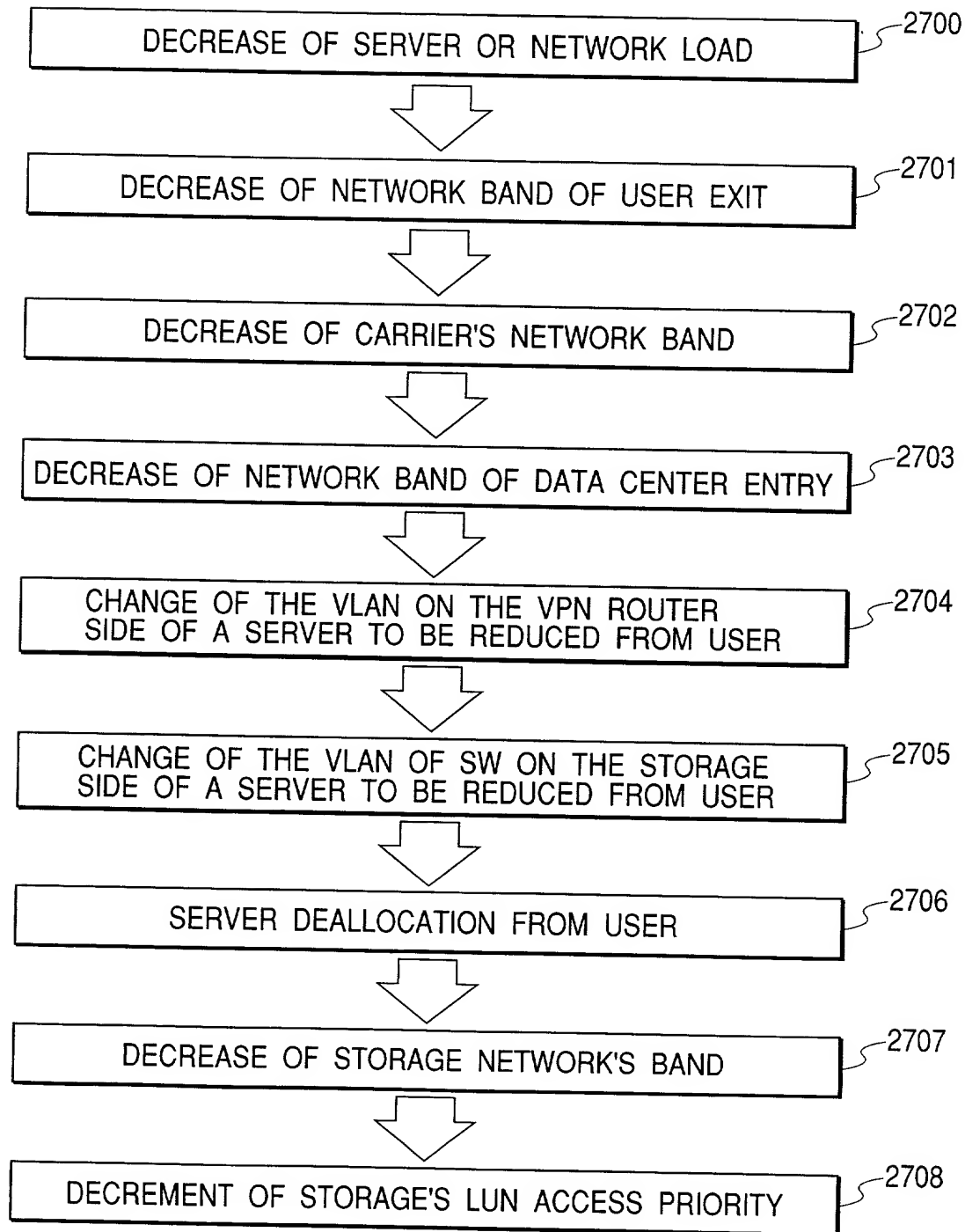
FIG. 27

FIG. 28

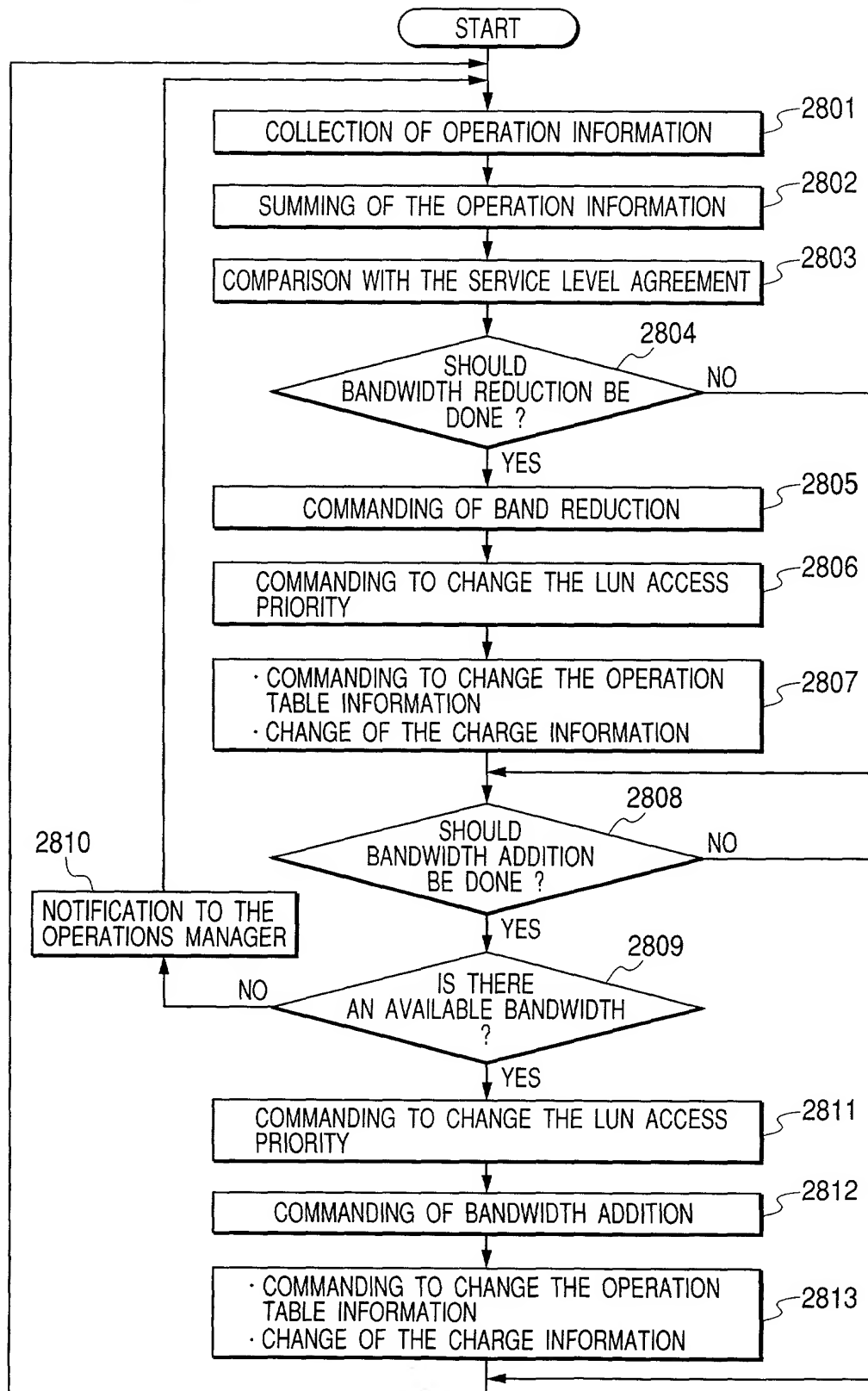


FIG. 29

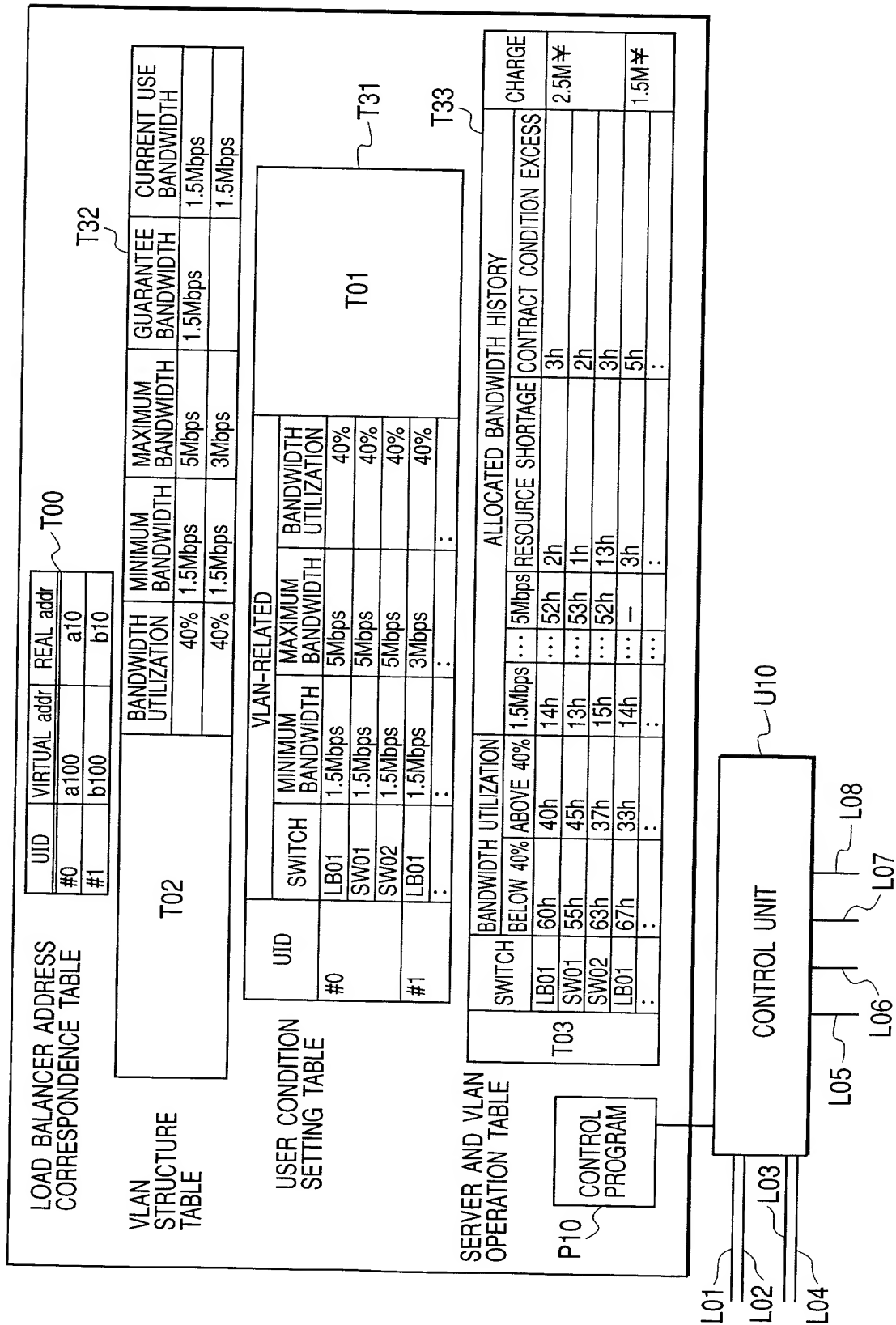


FIG. 30

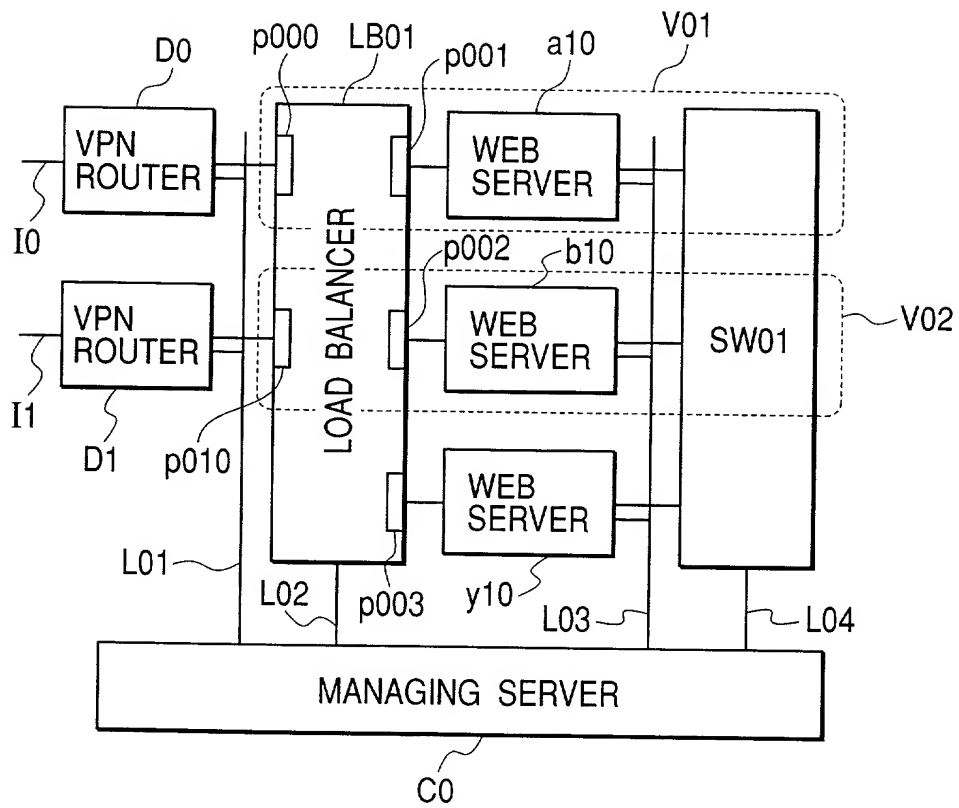


FIG. 31

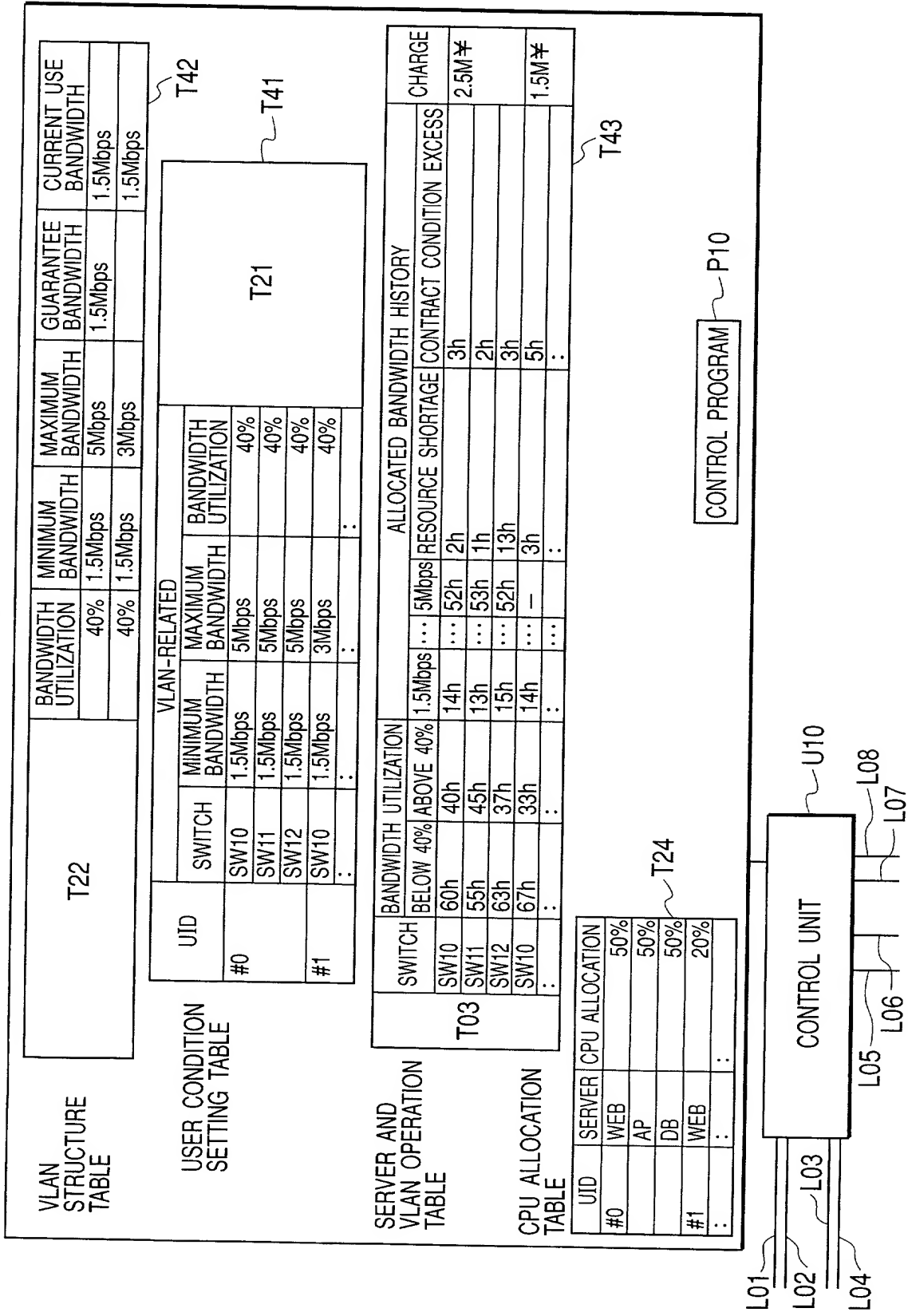


FIG. 32

